

09-764686

Practitioner's Docket No. MSU 4.1-456

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Number: 6,800,266 *B2*

Issued: October 5, 2004

Name of Patentee: Thomas J. Pinnavaia, Thomas R. Pauly and Seong-Su Kim

Title of Invention: PROCESS FOR THE PREPARATION OF HYBRID MESOPOROUS  
MOLECULAR SIEVE SILICAS FROM AMINE SURFACTANTS

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

**REQUEST FOR CERTIFICATE OF CORRECTION OF PATENT  
FOR APPLICANT'S MISTAKE (37 C.F.R. § 1.323)  
AND PTO MISTAKE (37 CFR 1.322(a))**

1. It is noted that an error appears in this patent of a

- ☒ clerical
- ☒ typographical
- ☒ minor

**Certificate**  
**DEC 14 2004**  
**of Correction**

nature or character, as more fully described below. It occurred in good faith. Correction thereof does not involve such changes in the patent as would constitute new matter or would require re-examination. A certificate of correction is requested.

2. Attached hereto, in duplicate, is Form PTO-1050, with at least one copy being suitable for printing.

*NOTE: Form PTO/SB/44 (also Form PTO-1050), using the column and line number in the printed patent, should be used exclusively, regardless of the length or complexity of the subject matter. M.P.E.P. § 1485, 7th ed.*

*NOTE: The patent grant should be retained by the patentee. The PTO does not attach the certificate of correction to the patentee's copy of the patent. The patent grant will be returned to the patentee if submitted. M.P.E.P. § 1485, 7th ed.*

Request for Certificate of Correction of Patent for Applicant's Mistake (37 C.F.R. § 1.323) [14-2]  
—page 1 of 3

12/07/2004 FNETEK11 00000001 6800266

01 FC:1811

100.00 OP

15 DEC 2004

3. The exact page and line number where the error occurs in the application file are:

NOTE: This information should be identified in this request, however, on Form PTO-1050, only the column and line number in the printed patent should be used. M.P.E.P. § 1485.

Column 1, line 27, **(Page 1, line 19)**, "surfactants surfactants for the" should be -surfactants, for the-.

Column 1, line 62, **(Page 3, lines 2 and 3)**, "areas (-800-1200" should be -areas (~800-1200-.

Column 2, lines 50, **(Page 5, line 5)**, "U.S. Patent No. 6,143,879" should be -U.S. Patent No. 5,143,879-.

Column 4, lines 6-9, **(Page 8, lines 7-9)**, (second occurrence duplicate lines 1-5) "(c) aging the reactive silica species from step (b), preferably for no less than 5 minutes, at a temperature greater than -20°C in anhydrous form. The silica has the formula:" should be deleted.

Column 4, lines 14 and 15, **(Amendment Dated 11/13/03 Page 2, lines 8 and 9)**, "wherein  $1.0 \geq w \geq 0$  and  $1.5 \geq x \geq 0$  and wherein M when present is one or more metal ions." should be deleted.

Column 10, line 45, **(Page 23, line 4)**, "degrees (20) at" should be -degrees (20)at-.

Column 17, line 44, **(Page 39, line 1)**, "deceasing H-bonding" should be -decreasing H-bonding-.

Column 19, line 20, **(Page 42, line 24)**, "degrees (20)" should be -degrees (20)-

Column 21, line 38, **(Page 47, line 27)**, "0.79 moles NaOH" should be -0.79 moles NaOH-.

Column 25, Claim 26, line 1, **(Old Claim 33, line 1)**, "claim 27" should be -Claim 20-.

4. Please send the Certificate to

Name: Ian C. McLeod; McLeod & Moyne, P.C.

Address: 2190 Commons Parkway  
Okemos, Michigan 48864

5. Please pay the fee required by 37 C.F.R. § 1.20(a)–\$100.00, as follows:

- ☒ Attached is a ☒ check ☐ money order in the amount of \$ 100.00  
☐ Authorization is hereby made to charge the amount of \$ \_\_\_\_\_  
☐ to Deposit Account No. \_\_\_\_\_  
☐ to Credit card as shown on the attached credit card information authorization form PTO-2038.

**WARNING:** Credit card information should not be included on this form as it may become public.

- ☒ Charge any additional fees required by this paper or credit any overpayment ~~in the manner authorized above~~ to deposit account 13-0610.

A duplicate of this paper is attached.

Reg. No.: 20,931

Tel. No.: (517) 347-4100

Customer No.: 21036

  
SIGNATURE OF PRACTITIONER

Ian C. McLeod  
(type or print name of practitioner)

2190 Commons Parkway  
P.O. Address

Okemos, Michigan 48864

**NOTE:** The certificate of correction for applicant's mistake may be signed by the attorney of record, unlike that for PTO mistake where the patentee or an owner of an interest in the invention must make the request.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.  
(Also Form PTO-1050)

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,800,266 *B2*  
DATED : October 5, 2004  
INVENTOR(S) : Thomas J. Pinnavaia, Thomas R. Pauly and  
Seong-Su Kim

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 1, line 27, "surfactants surfactants for the" should be -surfactants, for the-.

Column 1, line 62, "areas (-800-1200" should be -areas (~800-1200-.

Column 2, lines 50, "U.S. Patent No. 6,143,879" should be -U.S. Patent No. 5,143,879-.

Column 4, lines 6-9, (second occurrence duplicate lines 1-5) "(c) aging the reactive silica species from step (b), preferably for no less than 5 minutes, at a temperature greater than -20°C in anhydrous form. The silica has the formula:" should be deleted.

Column 4, lines 14 and 15, "wherein  $1.0 \geq w \geq 0$  and  $1.5 \geq x \geq 0$  and wherein M when present is one or more metal ions." should be deleted.

Column 10, line 45, "degrees (20) at" should be -degrees (20)at-.

Column 17, line 44, "deceasing H-bonding" should be -decreasing H-bonding-.

MAILING ADDRESS OF SENDER: Ian C. McLeod  
McLeod & Moyne, P.C.  
2190 Commons Parkway  
Okemos, Michigan 48864

PATENT NO. 6,800,266

No. of additional copies



Burden Hour Statement: This form is estimated to take 1.0 hour to complete. Time will vary depending upon the needs of the individual case. Any comment on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

15 DEC 2004

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.  
(Also Form PTO-1050)

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,800,266 *B2*  
DATED : October 5, 2004  
INVENTOR(S) : Thomas J. Pinnavaia, Thomas R. Pauly and  
Seong-Su Kim

It is certified that error appears in the above-identified patent and that said Letters Patent  
is hereby corrected as shown below:

Column 19, line 20, "degrees (20)" should be -degrees  
(20) -

Column 21, line 38, "0.79 moles NaOH" should be -0.79  
moles NaOH-.

Column 25, Claim 26, line 1, "claim 27" should be -Claim  
20-.

MAILING ADDRESS OF SENDER: Ian C. McLeod  
McLeod & Moyne, P.C.  
2190 Commons Parkway  
Okemos, Michigan 48864

PATENT NO. 6,800,266

No. of additional copies



Burden Hour Statement: This form is estimated to take 1.0 hour to complete. Time will vary depending upon the needs of the individual case. Any comment on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

5 DEC 2004

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.  
(Also Form PTO-1050)

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,800,266 *62*  
DATED : October 5, 2004  
INVENTOR(S) : Thomas J. Pinnavaia, Thomas R. Pauly and  
Seong-Su Kim

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 1, line 27, "surfactants surfactants for the" should be -surfactants, for the-.

Column 1, line 62, "areas (-800-1200" should be -areas (~800-1200-.

Column 2, lines 50, "U.S. Patent No. 6,143,879" should be -U.S. Patent No. 5,143,879-.

Column 4, lines 6-9, (second occurrence duplicate lines 1-5) "(c) aging the reactive silica species from step (b), preferably for no less than 5 minutes, at a temperature greater than -20°C in anhydrous form. The silica has the formula:" should be deleted.

Column 4, lines 14 and 15, "wherein  $1.0 \geq w \geq 0$  and  $1.5 \geq x \geq 0$  and wherein M when present is one or more metal ions." should be deleted.

Column 10, line 45, "degrees (20) at" should be -degrees (20)at-.

Column 17, line 44, "deceasing H-bonding" should be -decreasing H-bonding-.

MAILING ADDRESS OF SENDER: Ian C. McLeod  
McLeod & Moyne, P.C.  
2190 Commons Parkway  
Okemos, Michigan 48864

PATENT NO. 6,800,266

No. of additional copies



Burden Hour Statement: This form is estimated to take 1.0 hour to complete. Time will vary depending upon the needs of the individual case. Any comment on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

5 DEC 2004

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.  
(Also Form PTO-1050)

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,800,266 *B2*  
DATED : October 5, 2004  
INVENTOR(S) : Thomas J. Pinnavaia, Thomas R. Pauly and  
Seong-Su Kim

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 19, line 20, "degrees (20)" should be -degrees (20)-

Column 21, line 38, "0.79 moles NaOH" should be -0.79 moles NaOH-.

Column 25, Claim 26, line 1, "claim 27" should be -Claim 20-.

MAILING ADDRESS OF SENDER: Ian C. McLeod  
McLeod & Moyne, P.C.  
2190 Commons Parkway  
Okemos, Michigan 48864

PATENT NO. 6,800,266

No. of additional copies



Burden Hour Statement: This form is estimated to take 1.0 hour to complete. Time will vary depending upon the needs of the individual case. Any comment on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

DEC 2004